

Claims

1. A pressure-sensitive adhesive sheet for skin adhesion, which comprises a substrate and an adhesive layer laminated on the substrate, wherein the adhesive layer is obtained by curing an adhesive composition comprising polyether polymer (A) having at least one alkenyl group on the terminal, compound (B) having 1 - 10 hydrosilyl groups in a molecule and hydrosilylation catalyst (C).
2. The pressure-sensitive adhesive sheet of claim 1, wherein the polymer (A) is a polyether polymer having an alkenyl group represented by the following formula (1) or (2),
(1) $\text{H}_2\text{C}=\text{C}(\text{R}^1)-$
(2) $\text{HC}(\text{R}^1)=\text{CH}-$
wherein R^1 is a hydrogen atom or a hydrocarbon group having 1 to 10 carbon atoms, and the catalyst (C) is a platinum complex that does not contain a conjugate base of a strong acid as a ligand.
3. The pressure-sensitive adhesive sheet of claim 2, wherein R^1 is a hydrogen atom or a methyl group.
4. The pressure-sensitive adhesive sheet of claim 2 or 3, wherein the platinum complex is a platinum-vinyl siloxane complex.
5. The pressure-sensitive adhesive sheet of claim 4, wherein the platinum-vinyl siloxane complex is a platinum-1,3-divinyl-1,1,3,3-tetramethyldisiloxane complex or a platinum-1,3,5,7-tetravinyl-1,3,5,7-tetramethylcyclotetrasiloxane complex.
6. The pressure-sensitive adhesive sheet of any of claims 1 to 5, wherein the main chain of the polymer (A) has a polyoxypropylene skeleton.

7. The pressure-sensitive adhesive sheet of any of claims 1 to 6,
wherein the polymer (A) has a number average molecular weight in
polystyrene conversion of 3000 - 50000 as measured by size-
5 exclusion chromatography.

8. The pressure-sensitive adhesive sheet of any of claims 1 to 7,
wherein the proportion of the toluene-insoluble component in the
adhesive layer is 10 - 50 wt%.

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9. The pressure-sensitive adhesive sheet of any of claims 1 to 8,
which has a moisture permeability of not less than $800 \text{ g/m}^2 \cdot 24$
hr, as measured under the conditions of thickness of adhesive
layer $50 \text{ }\mu\text{m}$, temperature 40°C and relative humidity 30%.

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